KOENIG SOLUTIONS · COURSE OUTLINE

Certified Tester Expert Level Test Management Comprehensive Approach

Learn to define test strategy, build and lead test teams, and manage risk, projects and stakeholder relationships across the test lifecycle.

5 Days	12	47
40 HOURS	MODULES	TOPICS

COURSE OVERVIEW

This course covers the definition of test missions, policies and strategies, and how to align them with business objectives and organisational positioning. It addresses building, developing and leading test teams, including recruitment, mentoring, communication and managing distributed teams. It then examines managing relationships with external parties and across the organisation, project management essentials, risk and quality management, and test project evaluation and reporting. Finally, it looks at domain- and lifecycle-specific test management considerations and the evaluation of process effectiveness and stakeholder satisfaction.

WHO THIS COURSE IS FOR

- **Test Managers**
- **Test Leads**
- **Quality Managers**
- **Project Managers**
- **Test Team Leaders**

PREREQUISITES

- Must Have CTFL Certificate
- The advanced level Test Manager CTAL-TM Certificate
- 5 years of Practical Testing Experience
- 2 years of Industry Experience In the Specific Expert Level Topics

LEARNING OBJECTIVES

- Define test missions, policies and strategies aligned to business goals
- Explain approaches to advocating for testing within an organisation
- Describe methods for recruiting, onboarding and developing test teams
- Apply techniques for leading, motivating and communicating with teams
- Manage external and cross-organizational testing relationships
- Plan test estimation, scheduling, budgeting and scope changes
- Identify and manage testing risks and quality management systems
- Evaluate test metrics, reporting, exit criteria and effectiveness

COURSE SYLLABUS

12 Modules, 47 Topics

DAY 1 Test Strategy, Missions, and Organizational Alignment

01

Test Missions, Policies, Strategies, and Goals

TOPICS

- Defining Test Mission and Policy
- Success Metrics and Measurement

TEST STRATEGY TYPES

- Analytical, Model-Based, Methodical
- Process-/Standard-Compliant, Reactive
- Consultative, Regression-Averse, Automation
- Aligning Test Policy and Strategy with Business Objectives

02

Organizational Test Alignment

TOPICS

- Advocating for Testing in Business Context
- Selling the Value of Testing to Stakeholders
- Creating a Defensible Test Organization
- Supporting and Positioning the Team within the Organization

DAY 2 Team Development and Leadership

03

Building the Test Team

TOPICS

- Writing Job Descriptions and Reviewing Resumes
- Interviewing Techniques for Key Testing Roles
- Onboarding and Contract Management

04

Developing the Test Team

TOPICS

- Setting Goals, Role Clarity, and Personality Dynamics
- Skill Development and Structured Training Programs
- Mentorship, Feedback, and Performance Management

05

Leading the Test Team

TOPICS

- Effective Information Sharing and Communication
- Building Loyalty and Trust
- Motivation and Team Building Activities
- Managing Distributed and Remote Testing Teams

DAY 3 **Managing External and Cross-Functional Relationships**

06

Managing External Relationships

TOPICS

- Identifying Relationship Types (vendors, contractors, partners)
- Handling Contracts and Legal Considerations
- Effective Communication with External Entities
- Integration of External Test Components and Quality Validation

07

Managing Across the Organization

TOPICS

- Building and Maintaining Stakeholder Relationships
- Promoting Cross-Team Quality Practices
- Integration of Testing Tools Across Departments
- Managing Ethical Issues in Testing and Reporting

DAY 4 Project and Risk Management

08

Project Management Essentials

TOPICS

- Accurate Test Estimation and Scheduling
- Budgeting and Resource Allocation Strategies
- Managing and Tracking Test Projects
- Handling Scope Changes, Trade-offs, and Time Constraints

09

Project Risk and Quality Management

TOPICS

- Identifying and Managing Testing Risks
- Participating in Organization-Wide Risk Mitigation
- Establishing and Maintaining Quality Management Systems

DAY 5 Evaluation, Metrics & Domain-Specific Considerations

10

Test Project Evaluation and Reporting

TOPICS

- Capturing and Tracking Test Metrics
- Internal and External Reporting Best Practices
- Analyzing Test Results and Communicating Effectively
- Exit Criteria Evaluation and Test Closure
- Applying Statistical Quality Control Methods

11

Domain and Lifecycle-Specific Test Management

TOPICS

- **Test Considerations in Lifecycle Models:** Agile, V-Model, Waterfall
- Managing Partial Lifecycles, Integration, Maintenance Projects
- Testing Embedded and Safety-Critical Systems
- **Release Readiness:** Market Demand, Maintainability, Installation

12

Evaluating Effectiveness and Satisfaction

TOPICS

- Test Process and Policy Metrics (Effectiveness, Efficiency)
- Satisfaction Metrics and Stakeholder Feedback
- Conducting Structured Project Retrospectives

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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